

8CX380-4 SLIM

Professional Coaxial Driver

PRV
audio
BRAZIL

KEY FEATURES

- 1.5" / 1" Voice coil
- 380 Watts Continuous Program Power
- 97 dB Sensitivity
- 100 - 20,000 Hz

Low Freq. High Freq.
Nominal and Throat Diameter 8"(203mm) 1"(25.4mm)

Nominal impedance 4 Ohm

Nominal Power Handling **190 Watts**

Continuous Program Power (RMS) 380 Watts

Max Peak Power 760 Watts

Sensitivity 2.00V at 1m **97 dB**

Recommended Hi Pass Crossover* 110 Hz
*For Full Power Handling *12db/oct Crossover

Frequency Response **100 - 20,000Hz**

Voice Coil Diameter 1.5"(38 mm) 1.0"(25mm)

Voice Coil Wire Copper CCAW

Voice Coil Winding Depth 8.0 mm N/A

Former Material Kapton Kapton

Magnetic Gap Depth 5.0 mm N/A

Frame and Diaphragm Material S. Steel Mylar

Equivalent Volume V_{as} 17.21 l

Excursion (mathematical)*** X_{max} 2.75 mm

Free Air Resonance F_s 92.1 Hz

Mechanical Factor Q_{ms} 12.43

Electrical Factor Q_{es} 1.19

Total Factor Q_{ts} 1.09

Cone Area S_d 235 cm²

Mechanical Mass M_{ms} 13.38 g

Bl Factor Bl 4.83 Tm

Dc Resistance R_e 3.6 Ohm

Inductance L_e 0.030 mH at 1 kHz

Mechanical Mass Without Air M_{md} 11.34 g

Mechanical Compliance C_{ms} 0.223 mm/N

Overall Diameter 8.23" (209 mm)

Front Mount Baffle Cutout 7.13" (181 mm)

Mounting Depth 2.93" (74.5 mm)

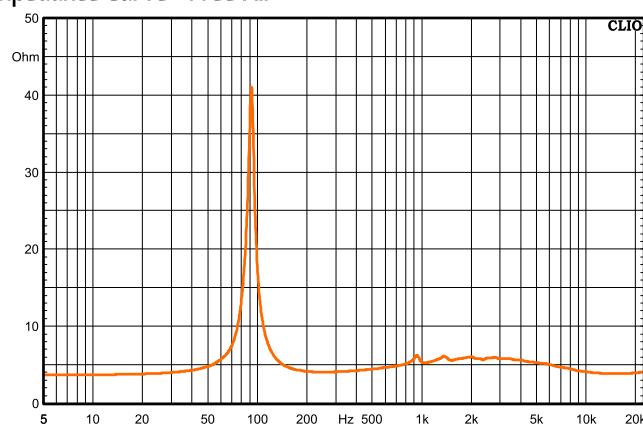
Overall Depth 4.10"(104 mm) (with grill)

Net Weight 4.00 Lbs (1.81 kg)

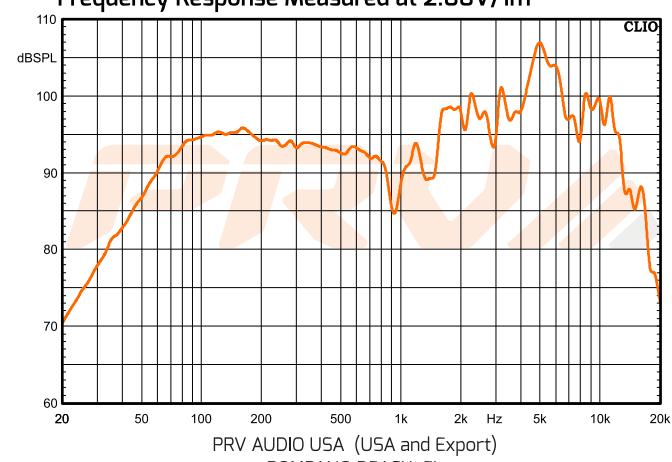
Shipping Weight 4.80 Lbs (2.18 kg)

Carton Dimensions W x L x H 9.50"x 9.25" x 5.50"
(241 x 235 x 140mm)

Impedance Curve - Free Air



Frequency Response Measured at 2.00V/1m



** $X_{max} = (\text{Voice coil winding depth} - \text{Magnetic Gap depth})/2 + \text{Magnetic Gap Depth}/4$

*** T-S parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test

PRV Audio strives to manufacture the best drivers in the Professional Loudspeaker industry. Specifications are subject to change due to continuous product improvement - Rev: 05/23